



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

004900



C3
Job Sheet 175259

Part No: C3

Job Qty: 1 ea

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/2/18

Job Tracking No:

Due Date: 4/20/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C3 Rev 2 IPP Rev A 18.03.29 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Sétup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		4/19/18	0.00	0.00	Start Up Small Fab-4		
100	Small Fab	1 pcs		4/20/18	0.00	1.00	Small Fab-3		
110	QC	1 pcs		4/20/18	0.00	0.00	QC5		
120	DC	1 pcs		4/20/18	0.00	0.00	DC		
130	Packaging	1 pcs		4/20/18	0.00	0.00	Packaging3-2		
140	QC21-SA	1 Ea		4/20/18	0.00	0.00	QC21		

Part Op 100 - 1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2- ASSEMBLE AS
Descriptions: PER DWG

120 - - Photocopy blue file OM & OOPM-C3 Rev 4

130 - Identify and Stock

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	90-Start up Operation	507306d
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	90-Start up Operation	5038399
2595K22	Heat Shrink Tube	1 Ea (1 ea)	100-Small Fab	5074643
32446	Crimp Terminal	2 Ea (2 ea)	100-Small Fab	5047075
8183K6	Wire Guide/Grip	1 (1 ea)	100-Small Fab	5073059
AN4-16A	Bolt	3 Ea (3 ea)	100-Small Fab	5082909
AN4-17A	Bolt	1 Ea (1 ea)	100-Small Fab	5089287
AN6-15A	Bolt	1 Ea (1 ea)	100-Small Fab	5076004
AN960-10	Washer	1 Ea (1 ea)	100-Small Fab	5075330
AN960-10L	Washer, #10	2 Ea (2 ea)	100-Small Fab	5071415
AN960-416	Flat Washer Dia 1/4"	8 Ea (8 ea)	100-Small Fab	5078780
AN960-616L	5/8" OD, THIN FLAT WASHER	2 Ea (2 ea)	100-Small Fab	5048297
C2-1-1	Manual Release Knob	1 Ea (1 ea)	100-Small Fab	50100040
C2-10-1	Lock Spring Pin	1 (1 ea)	100-Small Fab	5029231
C2-11-2	Locating Pin	2 (2 ea)	100-Small Fab	5029438
C2-3-1	Bearing DU	2 (2 ea)	100-Small Fab	5073406
C2-3-10	Latch Shaft	1 Ea (1 ea)	100-Small Fab	5046764
C2-3-11	Actuator	1 pcs (1 ea)	100-Small Fab	5075123
C2-3-2	Latch Roller Pin	1 (1 ea)	100-Small Fab	5056295
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	100-Small Fab	5088893
C2-3-3	Latch Roller	1 (1 ea)	100-Small Fab	5088893
C2-3-3-1	Latch Roller DU Bearing	1 Ea (1 ea)	100-Small Fab	5096109

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																							
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____																																																					
Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL.: 1 813 632-5200 Email: sales@dartaero.com www.dartaerospace.com Container No: S100190 Part: C3 Job No: 175259 Serial No/Batch: S100190 Revision: 2 Inspector: _____ Exp Date: _____ Instructions: _____																																																									
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C2-3-5	Spacer, Teflon	2 Ea (2 ea)	100-Small Fab
C2-3-6	Latch	1 Ea (1 ea)	100-Small Fab
C2-3-8	Actuator Bushing	2 Ea (2 ea)	100-Small Fab
C2-5-1	Actuator Stop	1 (1 ea)	100-Small Fab
C3-10-2	Lock Spring	1 Ea (1 ea)	100-Small Fab
C3-11-1	Side Plate - Solenoid C3-Hook	1 Ea (1 ea)	100-Small Fab
C3-12-1	Lock Bushing	2 Ea (2 ea)	100-Small Fab
C3-12-2	Lock Shaft - C3 Hook	1 Ea (1 ea)	100-Small Fab
C3-12-3	Lock - C3 Hook	1 (1 ea)	100-Small Fab
C3-12-4	Lock Roller	1 Ea (1 ea)	100-Small Fab
C3-12-5	Lock Roller Pin	1 Ea (1 ea)	100-Small Fab
C3-12-6	Lock Roller Pin Circlip	2 (2 ea)	100-Small Fab
C3-13-1	Keeper Bushing	2 (2 ea)	100-Small Fab
C3-13-4	KEEPER	1 (1 ea)	100-Small Fab
C3-13-5	Spring, Keeper	1 (1 ea)	100-Small Fab
C3-2-1	Side Plate C-3 Hook	1 Ea (1 ea)	100-Small Fab
C3-3-4	Link Pin	2 Ea (2 ea)	100-Small Fab
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	100-Small Fab
C3-3-7	Link	1 Ea (1 ea)	100-Small Fab
C3-3-9	Actuator Spring	1 (1 ea)	100-Small Fab
C3-4-1	Load Beam Bushing	2 Ea (2 ea)	100-Small Fab
C3-4-4A	C3 Load Beam Assy	1 Ea (1 ea)	100-Small Fab
C3-7-1	Load Beam Bumper	1 Ea (1 ea)	100-Small Fab
C3-7-2	Lock Bumper	2 Ea (2 ea)	100-Small Fab
C3-8-2	Solenoid	1 (1 ea)	100-Small Fab
C3-8-4	Solenoid Cover Gasket	1 (1 ea)	100-Small Fab
C3-8-5	Solenoid Cover	1 (1 ea)	100-Small Fab
C3-9-1	Clock Spring Cover - C3 Hook	1 (1 ea)	100-Small Fab
C3-9-2	Spring, Clock	1 (1 ea)	100-Small Fab
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-Small Fab
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 (1 ea)	100-Small Fab
MS21044N4	Nut, Self-Locking	4 Ea (4 ea)	100-Small Fab
MS21083-N3	Nut	2 Ea (2 ea)	100-Small Fab
MS21083N6	Nut	1 Ea (1 ea)	100-Small Fab
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-Small Fab
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5076017

SAF-T-EZE (M128063) GREASE AEROSHEL (M138724) LOCTITE 242 (M138762) LOCTITE 620 (M138828)

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	188-FPSS-1032-1/4	2	10	0
	188-FSCS-832-5/8	4	84	0
100-Small Fab	2595K22	1	8	0
	32446	2	234	0
	8183K6	1	0	0
	AN4-16A	3	129	0
	AN4-17A	1	272	0
	AN6-15A	1	12	0
	AN960-10	1	3,363	0
	AN960-10L	2	0	0
	AN960-416	8	0	0
	AN960-616L	2	0	0
	C2-1-1	1	0	0
	C2-10-1	1	0	0
	C2-11-2	2	0	0
	C2-3-1	2	0	0
	C2-3-10	1	28	0
	C2-3-11	1	0	0
	C2-3-2	1	0	0
	C2-3-2-1	2	100	0
	C2-3-3	1	0	0
	C2-3-3-1	1	30	0
	C2-3-5	2	0	0
	C2-3-6	1	0	0
	C2-3-8	2	8	0
	C2-5-1	1	0	0

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Out of Sequence ☐	Part Moved ☐																																																																																															
Off-set ☐	Drawing ☐																																																																																															
Mislabeled ☐	Finish ☐																																																																																															
Fit/Function ☐	Misread ☐																																																																																															
Misaligned/off center ☐	Turning Sequence ☐																																																																																															
OTHER : _____																																																																																																



Remote Cargo Hook Test Form

C3

****MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!****

NEW SOLENOID (152951-001)

Work Order 175 259

Customer _____

Serial Number 5100190

Date August 10 2018

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	Pass
10	1,500	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass
2	3,000	Electircal, 22 volts	Current shall not exceed 12.8 A 9.3	A	Pass.
2	2,500	Electircal, 22 volts	Current shall not exceed 12.8 A 9.2	A	Pass.
2	2,000	Electircal, 22 volts	Current shall not exceed 12.8 A 9.2	A	Pass
2	1,500	Electircal, 22 volts	Current shall not exceed 12.8 A 9.2	A	Pass.
2	500	Electircal, 22 volts	Current shall not exceed 12.8 A 9.2	A	Pass
1	3,000	Electircal, 20 volts	Current shall not exceed 11.6 A 8.3	A	Pass
1	3,000	Electircal, 28 volts	Current shall not exceed 16.2 A 11.5	A	Pass
1	3,000	Manual		N/A	Pass
1	3,000	Impact Test	Impact shackle 10x , shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω	Ω	
1	N/A	Electircal Continuity	Across both wires	N/A	

Test Conducted By: Luc Cariviere
Technician

Signature: Sylvia Parker
QC/5 Small FAB / QA

Submit